PTO/SB/05 (08-03)
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## UTILITY PATENT APPLICATION **TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

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	Attorne	ey Docket No.	DUQ-001 (DEP5289)							
	First Ir	nventor	Nam T. CHAO							
	Title	INSTRUMEN AND REMOV OTHER ORT	IT FOR INSERTING, ADJUSTING /ING PEDICLE SCREWS AND THOPEDIC IMPLANTS	U.S. PT						
	Expres	s Mail Lahel No	EV378817705US	~						

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APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.							MS Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450						10					
1. X Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing)  2. Applicant claims small entity status. See 37 CFR 1.27.  3. X Specification [Total Pages 15]  (preferred arrangement set forth below)  - Descriptive title of the invention  - Cross Reference to Related Applications  - Statement Regarding Fed sponsored R & D  - Reference to sequence listing, a table, or a computer program listing appendix  - Background of the Invention  - Brief Summary of the Invention  - Brief Description of the Drawings (if filed)  - Detailed Description  - Claim(s)  - Abstract of the Disclosure  4. X Drawing(s) (35 U.S.C. 113) [Total Sheets 9]  5. Oath or Declaration [Total Sheets 9]  - Newly executed (original or copy)  - Description of Inventors (37 CFR 1.63(d))  - (for continuation/divisional with Box 18 completed)  - In DELETION OF INVENTOR(S)  - Signed statement attached deleting inventor(s) - named in the prior application.						7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  a. Computer Readable Form (CRF)  b. Specification Sequence Listing on:  i. CD-ROM or CD-R (2 copies); or ii. Paper c. Statements verifying identity of above copies  ACCOMPANYING APPLICATION PARTS  9. Assignment Papers (cover sheet & document(s))  10. 37 CFR 3.73(b) Statement Power of (when there is an assignee)  11. English Translation Document (if applicable)  12. Information Disclosure Statement (IDS)/PTO-1449 Citations  13. Preliminary Amendment  14. X Return Receipt Postcard (MPEP 503) (Should be specifically itemized)  15. Certified Copy of Priority Document(s) (if foreign priority is claimed)  16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i).							per					
6.	х	Applicati	on Data	Sheet. S	ee 37 CF	R 1.76			17.	L	] Oth	ner:						
Sp Fo	18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:  Continuation  Divisional  Continuation-in-part (CIP) of prior application No.:  Prior application information: Examiner  Art Unit:  For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.																	
						19. (	CORR	ESPC	NDE	NCE	E AD	DRE	SS					
	X	Custome		L		009						OR		Corresp	onde	nce address be	elow	
Name LAHIVE & COCKFIELD, LLP Kevin J. Canning																		
Address 28 State Street																		
City Boston State			MA Zip (			Zip Cod	е	02109										
Country US Telephone									(617) 742	-4214								
Name (Print/Type) Kevin J. Canning							Registration No. (Attorne			ey/Agent) 35,470			丁					
Signature Rum 1						Date			М	March 31, 2004								

I hereby certify that this corres	pondence is being deposi	ted with the U.S. Po	stal Service as Expre	ss Mail, Airbill No. EV	378817705US
in an envelope addressed to:	MS Patent Application, Co	ommissioner for Pate	ents, P.Q. Box 1450, A	Alexandria, VA 2231	3-1450, on the
date shown below.		2/1			
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Dated: March 31, 2004

(Kevin J. Canning)

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CCC TO A NOMITTAL		Complete if Known							
FEE TRANSMITTAL		Applic	ation	Numb	Not Yet As	Not Yet Assigned			
for FY 2004		Filing	Date		Concurrer	Concurrently Herewith			
		First I	Named	Inver	or Nam T. Cl	HAO	_		
Effective 10/01/2003, Patent fees are subject to annual revision.		Examiner Name			Not Yet As	ssigned	<u> </u>		
Applicant claims small entity status. See 37 CFR 1.27		Art Unit			N/A				
TOTAL AMOUNT OF PAYMENT (\$) 874.00		Attom	ey Doo	ket No	DUQ-001	(DEP5289)			
METHOD OF PAYMENT (check all that apply)				FEE	CALCULATION (con	ntinued)	-		
Check Credit Money Other None	3 4	ודוממ	NAI						
Card Corder C	3. ADDITIONAL FEES								
X Deposit Account:	Lamo	Large Entity Small Entity							
Deposit Account 12-0080	Fee	e Fee Fee Fee Fee Description							
Number	Code	(\$)	Code	(\$)	i ee Desci	прион	Fee Paid		
Deposit Account Lahive & Cockfield, LLP	1051	130	2051	65	Surcharge – late filing fee	e or oath			
Name The Director is authorized to: (check all that apply)	1052	50	2052	25	Surcharge – late provision sheet.	nal filing fee or cover			
X Charge fee(s) indicated below X Credit any overpayments	1053	130	1053	130	Non-English specification	,			
X Charge any additional fee(s) or any underpayment of fee(s)	1812	2,520	1812		•	· · ·			
Sharge any additional reets) of any underpayment of reets)		·		920*		ng a request for ex parte reexamination esting publication of SIR prior to			
Charge fee(s) indicated below, except for the filing fee	1804	920*	1804		xaminer action				
to the above-identified deposit account.	1805	1,840*	1805	1,840*	Requesting publication of Examiner action	SIR after			
FEE CALCULATION	1251	110	2251	55		for reply within first month			
1. BASIC FILING FEE	1252	420	2252	210		for reply within second month			
Large Entity   Small Entity   Fee   Fee	1253	950	2253	475	extension for reply within				
Code (\$) Code (\$)	1254	1,480	2254	740	Extension for reply within				
1001   770   2001   385   Utility filing fee     770.00	1255 1401	2,010 330	2255 2401	1,005	Extension for reply within lotice of Appeal	fifth month			
1003 530 2003 265 Plant filling fee	1402	330	2402	165	illing a brief in support of	an appeal			
1004 770 2004 385 Reissue filing fee	1403	290	2403	145	Request for oral hearing	ал арроа.			
1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510	etition to institute a publi	ic use proceeding			
SUBTOTAL (1) (\$) 770.00	1452	110	2452	55	Petition to revive – unavoi				
	1453	1,330	2453	665	Petition to revive - uninter				
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE  Extra Fee from	1501	1,330	2501	665	Itility issue fee (or reissue	<del></del> _			
Claims below Fee Paid	1502	480	2502	240	esign issue fee	<u> </u>			
Total Claims 21 -20** = 1 x 18.00 = 18.00	1503	640	2503	320	Plant issue fee	<u> </u>			
Claims 4 -3" = 1 x 86.00 = 86.00	1460	130	1460	130		to the Commissioner			
Multiple Dependent =	1807	50	1807	50	-	ng fee under 37 CFR 1.17(q)			
Large Entity   Small Entity   Fee	1806	180	1806	180	Submission of Information Recording each patent as				
Code (\$) Code (\$)	8021	40	8021	40	roperty (times number of	f properties)			
1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3	1809	770	2809	385	iling a submission after f 37 CFR 1.129(a))	final rejection			
1203 290 2203 145 Multiple dependent claim, if not paid	1810	770	2810	385	or each additional invent examined (37CFR 1.129(				
1204 86 2204 43 ** Reissue independent claims	1801	770	2801	385	Request for Continued Ex	**			
over original patent  1205 18 2205 9 ** Reissue claims in excess of 20	1802	900	1802	900	Request for expedited exa of a design application	amination			
and over original patent	Other	ا fee (spec	ify)		a design application				
SUBTOTAL (2) (\$) 104.00		iced by E		ing Fee	Paid SUBTOT	AL (3) (\$)	0.00		
**or number previously paid, if greater, For Reissues, see above						1.7 3.7			
SUBMITTED BY					(Complete (i	if applicable))			
Name (Print/Type) Kevin J. Canning		ration No ey/Agent)	35	,470	Telephone (	(617) 227-7400			
Signature KUIIA	,				Date	March 31, 2004			
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I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV378817705US, in an envelope addressed to: MS Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: March 31, 2004

Signature:

(Kevin J. Canning)